# AVG 8.0 Anti-Virus Network Edition

## Installation Quick Guide

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# 1. Introduction

This quick guide contains brief installation instructions for the AVG 8.0 Anti-Virus Network Edition.

## 1.1. Downloading installation and documentation files

You will need to download the following files:

### Installation packages (essential)

- ***AVG 8.0 for Windows***

  http://www.avg.com/ww.download?prd=asn

  This installation package serves as one installation source for AVG 8.0 Internet Security and AVG 8.0 File-Server, alternatively also other non-network AVG editions.

- ***AVG Admin 8.0 for Windows***

  http://www.avg.com/ww.download?prd=asn

  This installation package can be used to install all network editions.

### Documentation files (recommended)

We recommend that you download all main guides covering all topics in deeper detail.

- ***AVG Anti-Virus 8.0 (for details about AVG client installation)***

  http://www.avg.com/ww.download?prd=aav#tba2

- ***AVG Anti-Virus Network Edition 8.0 (for details about remote administration)***

  http://www.avg.com/ww.download?prd=ane

# 2. Remote AVG Installation

First, choose your type of network:

- **Small network (up to 20 workstations)**

  If your network consists of about 20 workstations or less, we recommend following the steps described in the Remote AVG Installation - Small Networks chapter.

  This type of installation is suitable for small networks with no differentiation of access rights levels. It allows the administrator to install AVG centrally to all workstations in the network.

  This installation type is suitable in cases where at least one of the following statements is true:

  - you administrate a small network with mutually connected computers, possibly without a real file server
  - you want to perform AVG installation centrally to all workstations, and leave administration completely up to the workstation user
  - you do not differentiate access rights levels in your network, and any user can also be the network administrator
  - If you have decided that this variant is suitable for your needs, you can choose from two possible installation process options:

- **Medium or large network (more than 20 workstations)**

  If your network consists of more than 20 workstations, follow the complete list of steps mentioned in the Remote AVG Installation - Medium Size Networks chapter.

## 2.1. Remote AVG Installation - Small Networks

**Individual installation of AVG on every workstation:**

In this case you will not use the possibility of installing AVG centrally. Instead, you will install AVG manually on every single workstation in your network. Also, you need to manually set up the AVG configuration for each workstation.

The installation procedure for individual workstations is as follows:

- Prepare your license number (to be found on a card in your AVG installation package or in your e-mail, if you ordered electronically)
- Start the installation from the previously downloaded **AVG for Windows** installation file (see Downloading installation and documentation files chapter for download links).
- Set the updating options or other necessary settings as needed.

## 2.2. Central AVG Installation to Workstations with AVG Installer Wizard Lite

The **AVG Network Installer Wizard Lite** allows you to create installation scripts for on-site installation. The Wizard is part of AVG Admin 8.0 for Windows installation and can be installed simply by choosing ***Lite Installation*** during the installation process. In such case, no console for administration will be installed and no AVG DataCenter will be deployed.

After installation go through the ***AVG Admin Deployment Wizard Lite*** and confirm all steps. The wizard will create **AVGUpdate** folder on the C: drive (by default) or drive that is indicated in your overview at the end of the Wizard.

Then launch ***AVG Network Installer Wizard Lite***, which will quickly guide you through the AVG script creation process. The script can then be used to install AVG on your stations.

In the first step, fill in the requested values. ***License number*** is a mandatory field that must be filled in. Alternatively you may check the ***Name*** and/or ***Company*** checkboxes and fill in the appropriate values.

In this dialogue you need to choose, where the installation script will be saved. If the location does not contain the latest AVG installation package, the wizard will try to download the file from the Internet once you click the ***Next*** button. In such a case please make sure your Internet connection is available.

You can choose one of the following:

- ***Portable data storage medium (USB drive)***

  If you have not done so already, insert a removable USB device (Flash drive, portable hard drive etc.) and hit the ***Refresh*** button to see the device in the drop down list. Make sure the drive is not write protected.

- ***Folder***

Selecting this option will let you choose a folder, where the script will be stored. If you choose a network folder, make sure it has correct write-access rights.

If the script creation proceeded successfully, you will see a confirmation dialogue. Click the ***Finish*** button to close the wizard.

**To use the script saved to a folder:**

1. Copy the whole contents of the previously chosen folder to your station.

   ***Note:*** *If you used a network folder for storing the script, you can navigate to that folder directly over the network.*

2. On the station navigate to this folder and run the AvgSetup.bat file.

3. The command line window will appear and the installation will begin.

4. Once the installation is completed, the window will close automatically.

**To use the script from a removable device:**

1. Insert the removable device to your station.

2. If the autorun feature is enabled in the station's operating system, the installation will start automatically.

3. If not, open the removable device disk letter and run the AvgSetup.bat file manually.

4. The command line window will appear and the installation will begin.

5. Once the installation is completed, the window will close automatically.

***Note:*** *For detailed information on this topic please refer to documentation* ***AVG Internet Security Network Edition***.

# 3. Remote AVG Installation - Medium Size Networks

## 3.1. Basic Overview

**AVG Admin 8.0 for Windows** allows you to install **AVG** centrally to all workstations in your network. You can then remotely supervise, control, and update AVG workstation installations.

Within this and others installation guides you will encounter the following terms:

- **AVG Admin Server**

  The AVG Admin Server stores data in a database (AVG DataCenter) and performs the role of a mediator between the AVG DataCenter and stations. AVG Admin Server may also work as a local update source.

  The **AVG DataCenter** is a database that contains the entire configuration for AVG stations, including scan and tasks settings. All stations with **AVG** installed, as well as the AVG Admin Console program, communicate with the **AVG DataCenter**. The communication is possible only if the ***Remote Control Communication Library*** component is properly installed on all stations connected to the **AVG Admin Server**.

  **AVG DataCenter** supports one embedded and several standalone (commercial) SQL database systems. You will be able to choose specific database system during deployment process (AVG Admin Deployment Wizard starts after installation).

- **AVG Admin Console**

  is a program for administration of AVG stations. It communicates directly with the AVG Admin Server.

- **AVG Network Installer**

  The AVG Network Installer Wizard helps you to automatically install AVG on remote stations with only a few clicks.

## 3.2. AVG Admin Server Database Selection

There are several database server options (you will be able to choose a specific one during Deployment Wizard):

- **Firebird**

This solution is appropriate for smaller networks with up to 150 stations. The database is a standard part of AVG 8.0 Anti-Virus Network Edition installation.

- ***Microsoft SQL Server 2005 Express Edition***

  A reduced version of the **Microsoft SQL Server**, it can serve up to 1000 stations. The product is not a standard part of AVG 8.0 Anti-Virus Network Edition. Its usage is not limited by any commercial license.

- ***Microsoft SQL Server 2000/2005***

  This engine can serve over 1000 stations in large networks. It is not a standard part of AVG 8.0 Anti-Virus Network Edition and its usage is bound to the Microsoft SQL Server license.

- ***Oracle 10g***

  This engine can serve over 1000 stations in large networks. It is not a standard part of AVG 8.0 Anti-Virus Network Edition and its usage is bound to a commercial license.

If you choose a database type that is different to the one you have been currently using, the Wizard can import the contents of the previously exported AVG DataCenter into the newly chosen database type.

## 3.3. AVG Admin Server installation and deployment

Installation of **AVG DataCenter**, **AVG Admin Server** and AVG Admin Console applications is executed from a single installation package.

You can install and deploy different components/roles of AVG Remote Administration to different servers/stations. There is no need to install everything on one machine.

Once you finish product installation, you will proceed to the deployment process, that allows you to deploy different server roles.

For example, the AVG DataCenter role can be deployed to some central server in your network. If your network or number of stations is large, you can deploy the ProxyServer role to multiple servers across the network to achieve load balancing and adequate bandwidth usage.

Also, the AVG Admin Console (central application for administration of your stations) can be installed to a different station and the administrator can manage the stations from any place.

Should you want to deploy the DataCenter role to the same computer as AVG Admin Console will be installed, select a file server with the OS Windows installed and to which all client stations are connected. The file server should be turned on at all times.

If you want to install the AVG DataCenter and AVG Admin Console separately, select:

- a permanently running file server with the OS Windows installed to which all client stations are connected,
- any OS Windows powered computer for AVG Admin Console; it is better to select a computer turned on at all times as well, but it is not essential.

AVG Admin 8.0 for Windows installation can be launched using the downloaded exe file (see chapter Downloading installation and documentation files for download links).

***Note:*** *For detailed information on installation and deployment please refer to documentation* ***AVG Internet Security Network Edition***.

## 3.4. AVG Installation on Client workstations

***Warning:*** *For individual stations in your network, that use* ***a personal firewall****, you will probably need to allow certain ports and set specific system features in order to be able to correctly use AVG remote installation. For a complete overview of these requirements please see the* ***AVG Internet Security Network Edition*** *manual.*

For most users we recommend using the ***AVG Network Installer Wizard*** for workstation installation.

Basic overview of the installation types:

### 3.4.1. Direct Installation

Directly, you can install AVG manually on every single station/server in the network, and then connect them (manually) to the AVG 8.0 Anti-Virus Network Edition. This option can be used for all Windows platforms.

To be able to successfully manage your AVG stations remotely, you must include the ***Remote Control Communication Library*** component during the **AVG** installation process. Once this component is correctly installed, you must manually specify the correct AVG DataCenter Connection String.

For a detailed description of **AVG** installation please refer to the AVG 8.0 Internet Security (or your appropriate edition) User Manual; available for download in the ***downloads*** section of AVG website (www.avg.com).

***Note:*** *You can also insert the AVG DataCenter connection string directly during AVG installation on the station.*

To insert the string on the station, open the AVG User Interface and navigate to the Advanced settings (via upper menu ***Tools/Advanced Settings***). Select ***Remote Administration*** group.

### 3.4.2. Remote Installation on Windows XP Home

The installation process on stations with these operating systems is the same as installation on stations running the Windows 2000/2003/XP Professional OS. However, due to the restrictions of these older operating systems it is not possible to run the automatic installation of the AVG Agent service.

Therefore, before you start AVG installation on all stations with the Windows XP Home operating system, it is necessary to install the AVG Agent service manually, or using the login script.

Remote installation on stations with Windows XP Home operating system requires manual installation and start of the AVG Agent service (if it is not already running on the station).

The AVG Agent application is available in every AVG Remote Administration installation. Assuming your installation drive is C:, the path to the application would be:

C:\Program Files\AVG\AVG8 Admin\Console

For the AVG Agent to function properly, you need to copy the following files to your station first:

avgagent.exe

avgagent_cz.lng

avgagent_fr.lng

avgagent_ge.lng

avgagent_it.lng

avgagent_pb.lng

avgagent_us.lng

Once done, navigate to the folder where you saved the AVG Agent on your station and run the following command:

***avgagent.exe -install -start***

Once the AVG Agent is installed, you will be able to proceed with remote installation of AVG.

### 3.4.3. Remote Installation using Wizard

The **AVG Network Installer Wizard** allows you to remotely install AVG on stations or to create installation scripts for on-site installation.

The wizard can be launched from the Windows Start menu/All Programs/AVG 8.0 Remote Administration/AVG Network Installer Wizard.

The wizard can be run either in the Basic or Advanced mode. You can select the Advanced mode by selecting the option ***Advanced mode*** at the beginning of the wizard. If the option is not selected, the program will run in the Basic mode (recommended for most users).

In the **Choice of installation method** step select ***Remote network installation*** option.

For proper remote installation, the wizard will first install and start the AVG Agent service on the target station, then transfer the AVG installation files and process the installation accordingly.

By following and completing the wizard you will be able to install AVG on your stations remotely.

***Note:*** *For detailed information on this topic please refer to documentation* ***AVG Internet Security Network Edition***.

# 4. FAQ and Technical Support

Should you have any questions about AVG, either business or technical, please refer to the FAQ section of the AVG website at www.avg.com.

If you do not succeed in finding help this way, contact the technical support department at support@avg.com. Be sure to include your AVG License number in the body of the e-mail.

If you have gone through this documentation and you are still not sure about what level or type of AVG Edition functions are best for you, we recommend that you consult the AVG technical support department: support@avg.com.

To help us find the best solution for AVG implementation on your network, please prepare the following information:

- The size of your network (the file server type, number of network workstations),
- operating systems on the client workstations in the network,
- average HW parameters of the client workstation (or rather the minimum parameters),
- LAN or WAN, and the connection quality for WAN,
- your demands for your AVG Edition (administrator's requirements, and administration extent).